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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Lasken <i>et al.</i>)	Art Unit: 1637
)	
Application No. 09/920,571)	Examiner: T. Strzelecka
)	
Filing Date: July 31, 2001)	Confirmation No. 1637
)	
For: MULTIPLY-PRIMED AMPLIFICATION)	
OF NUCLEIC ACID SEQUENCES)	

COMMUNICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

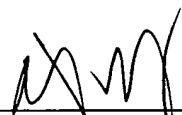
NEEDLE & ROSENBERG, P.C.
Customer Number 23859

Sir:

Attached hereto is a Revocation and Substitute Power of Attorney executed on
behalf of QIAGEN GmbH, the owner of the above-identified application.

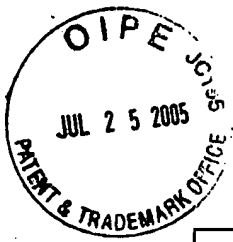
Respectfully submitted,

NEEDLE & ROSENBERG, P.C.



Robert A. Hodges
Registration No. 41,074


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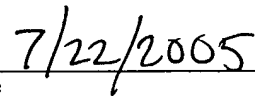


**ATTORNEY DOCKET NO. 17104.0001U2
PATENT**

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.


Robert A. Hodges


Date



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OF NUCLEIC ACID SEQUENCES)	

**REVOCATION OF PRIOR POWER OF ATTORNEY,
APPOINTMENT OF NEW POWER OF ATTORNEY, AND
STATEMENT UNDER 37 C.F.R. § 3.73(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer Number 23859

Sir:

STATEMENT UNDER 3.73(b)

QIAGEN GmbH, a corporation of Germany states that it is the Assignee of the entire right, title and interest in the patent application identified above as evidenced by the following chain of title:

1. From: Roger S. Lasken and Frank B. Dean
To: Molecular Staging, Inc.
Recorded at Reel 011346/Frame 0380
2. From: John Nelson
To: Molecular Staging, Inc.
Recorded at Reel 011357/Frame 0267
3. From: Molecular Staging, Inc.
To: QIAGEN GmbH
A copy of which is attached hereto.

REVOCATION OF PRIOR POWER OF ATTORNEY

As a representative authorized to act on behalf of QIAGEN GmbH hereby revoke all previous Powers of Attorney previously given.

NEW POWER OF ATTORNEY

The following attorneys/agents are hereby appointed to represent the above-identified Assignee in connection with all matters pertaining to the above-referenced application, with full power of substitution, association and revocation, to prosecute said application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

The attorneys/agents associated with Customer No. 23859

Address all telephone calls to Robert A. Hodges, Esq. at (678) 420-9300.

Address all correspondence to the address of record for the following Customer Number:

Customer No. 23859

The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee.

QIAGEN GmbH



By:

Dr. Volker Kühn

Director Intellectual Property & Licensing

Title:

Date:

19. JUL. 2005

EXECUTION COPY

ASSIGNMENT OF PATENTS

WHEREAS, Molecular Staging Inc. (hereafter "Assignor"), a Delaware corporation having a principal place of business at 300 George Street, New Haven, Connecticut 06511, is the owner of the United States patents (the "Patents") and the patent applications (the "Patent Applications") set forth on Schedule A attached hereto, and the inventions described in and claimed therein (the "Inventions"); and,

WHEREAS, QIAGEN GmbH (hereafter "Assignee"), a German Gesellschaft mit beschraenkter Haftung having a place of business at Qiagen Str. 1, Hilden, 40724 Germany, is desirous of acquiring the entire right, title and interest of Assignor in and to said Patents, Patent Applications and Inventions.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and conveyed and by these presents does hereby sell, assign, transfer and convey, unto said Assignee, its successors and assigns, its entire right, title and interest in and to the Patents and Patent Applications as set forth and described in Schedule A attached hereto, and the Inventions, and all divisions, continuations, continuations-in-part and renewals of such Patents and Patent Applications and all Patents of the United States which may be granted on such Patent Applications, and Inventions, and all reissues, re-examinations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for an invention described in any of the foregoing Patents or Patent Applications in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said Patent Applications under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for the Inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; together with all claims for damages by reason of past infringement, with the right to sue for, and collect the same for the use of Assignee, its successors and assigns, as well as all of the rights incident to such ownership, including but not limited to manufacturing, use, sale and importation of the products and/or methods evidenced by the Patents and Patent Applications.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Assignor hereby covenants and agrees that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

W. Stamford

1/19/2005 8:52 PAGE 4/9 RightFax

This Assignment is effective as of this 24th day of September, 2004.

IN WITNESS WHEREOF, Assignor has caused these presents to be signed by a duly authorized officer.

MOLECULAR STAGING INC.. Assignor

By:

Name:

Title:

R. W. Barker

RICHARD W BARKER

Chairman

Witnesses: ALAN W HUNTER

Signature:

Alan W Hunter

Name

MARY SENGES

Signature

Mary Senges

BEST AVAILABLE COPY

SCHEDULE A

Title	Country	Serial #	Patent #
Signal Amplification with Lollipop Probes	US	09/897,259	6,686,157
Protein Expression Profiling	US	09/697,836	6,531,283
Process for allele discrimination using primer extension	US	09/827,289	6,777,183
Polyprimed amplification of nucleic acid sequences	US	09/577,444	6,291,187
	US	09/897,665	6,670,126
Open circle probes with intramolecular stem structures	US	09/803,713	6,573,051
Nucleic acid amplification	US	09/982,212	6,617,137
Multiply primed amplification of nucleic acid sequences	US	09/605,192	6,323,009
Generation of single stranded circular DNA from linear self-.....	US	09/723685	6,498,023
Detection and amplification of RNA using target-mediated ligation of DNA by RNA ligase	US	09/547,757	6,368,801
5' Thiophosphate-directed ligation of oligonucleotides and use in detection of single nucleotide polymorphisms	US	09/910372	6,635,425
	US	10/465,759	6,811,986
Methods for selectively isolating DNA using rolling circle amplification	US	09/398,216	6,235,502
	US	09/818,927	6,576,448
Methods for reducing the complexity of DNA sequences	US	09/398,217	6,287,825
	US	09/562331	6,346,399
	US	09/562332	6,372,434
Methods for Identifying DNA sequences for use in comparison of DNA samples by their lack of polymorphism	US	09/398215	6,150,112
Universal RCA	US	10/405,822	
Suppression of cross-reactivity and non-specific binding of antibodies by Protein A	US	09/931,736	
	US/CON	10/931,015	
Signal Amplification with Lollipop	JP	2002-508032	

Probes	EP	01950759.9	
	CA	2411794	
	AU	2001-071722	
	US	10/335,573	
Rolling circle amplification of RNA	PCT	PCT/US03/3943 0	
	US	10/325,885	
Real time detection of rolling circle amplification products	US/CON	10/341,287	
Protein Expression Profiling	AU	2001-269944	
	CA	2,411,838	
	EP	01948505.1	
	JP	2002-503102	
	CN	1811542	
	TW	90114960	
	SG	200207285-8	
	WO	PCT/US01/196 57	
	US	10/177,629	
Process for enhanced molecular target detection using layered rolling circle amplification	US/DIV	10/404,944	
Open circle probes with intramolecular stem structures	US	09/977,868	
Nucleic acid amplification	WO	PCT / US 02 / 33244	
	CA	2463933	
	AU	2002362874	
	EP	02801776.2	
	US/CIP	10/272,465	
	US/CIP	10/327,602	

	US/CIP	10/429,229	
Nucleic acid amplification - PCT of 10/327,602, 10/429,229, 10/456,056	PCT	PCT/US03/403 64	
Quality assessment of amplified genomic nucleic acids	US	10/854,021	
Multiply primed amplification of nucleic acid sequences	DIV	09/920,571	
	JP	2002/506247	
	EP	01946712.5	
	AU	2001/068725	
	CA	2,410,951	
	IL	153,097	
Methods for identifying genes associated with diseases of specific phenotypes	US	09/984348	
Method of WGA with reduced artifact production	US	10/456,056	
Method for reducing artifacts in nucleic acid amplification	US	09/514,113	
	AU	41864/01	
	WO	PCT/US01/064 91	
	EP	01913174.7	
	CA	2,401,650	
	JP	2001-563639	
Method and compositions for efficient and specific rolling circle amplification	US	10/325,490	
Detection method using dissociated rolling circle amplification	US	10/072,666	
Generation of single stranded circular DNA from linear self-.....	US	10/196,539	
	WO	PCT/US00/323 70	
Gene Expression Profiling	US	09/910,383	
Double ligation Proximity mediated RCA	US	10/454,946	
Conjugates of reduced antibodies and biomolecules	US	10/143,517	

Signal Amplification with Lollipop Probes	WO	PCT/US01/20933	
	US	60/215,639	
Process for enhanced molecular target detection using layered rolling circle amplification	US	60/299,345	
Process for allele discrimination using primer extension	US	60/194,843	
	WO	PCT/US01/111 51	
	JP	2001-575244	
	CA	2,405,687	
	AU	2001/251359	
Polyprimed amplification of nucleic acid sequences	US	60/204,057	
Phosphorothioate-directed ligation of oligonucleotides	US	60/259,918	
Open circle probes with intramolecular stem structures	TW	91102150	
Generation of single stranded circular DNA from linear self-.....	US	60/168,511	
	JP	2001542579	
	CA	2,360,342	
	AU	18040/01	
Detection and amplification of RNA using target-mediated ligation of DNA by RNA ligase	JP	2001-577404	
	EP	01928481.9	
	CA	2,405,456	
	AU	55331/01	
	WO	PCT/US01/119 47	
Conjugates of reduced antibodies and biomolecules	US	60/299,671	
5' Thiophosphate-directed ligation of oligonucleotides and use in detection of single nucleotide polymorphisms	WO	PCT/US02/000 05	
	CA	2,433,634	
	AU	2002/239809	
Methods for selectively isolating DNA using rolling circle amplification	US	60/100,996	
	US	09/820,356	
Methods for reducing the complexity of DNA sequences	US	60/100,999	

Methods for identifying DNA sequences for use in comparison of DNA samples by their lack of polymorphism	US	60/100,935	
Methods for identifying genes associated with diseases of specific phenotypes	US	60/243407	
Multiply primed amplification of nucleic acid sequences	WO	PCT/US01/202 17	
Method of Amplification of a circularised nucleic acid probe	US	09/460,078	6,830,884
Method of Amplification of a circularised nucleic acid probe	US/CON	10/917,580	
Method of Amplification of a circularised nucleic acid probe	US	60/112,370	
	AU	27819/00	
	CA	2,394,800	
	JP	2000-588388	
	WO	PCT/AU99/011 10	
Cascade rolling circle DNA amplification	US	09/356,843	